

What Is Claimed Is:

1. An outdoor compound fabric comprised of a nano-denier barrier layer comprising a plurality of continuous thermoplastic filaments having a denier of less than about 1000 nanometers and a substrate layer.

5 2. An outdoor compound fabric, as in claim 1, wherein said substrate layer is selected from the group consisting of nonwoven fabrics, woven fabrics, films, and the blends thereof.

3. A battery separator comprised of a nano-denier barrier layer comprising a plurality of continuous thermoplastic filaments having a denier of less than about 1000 nanometers and a substrate layer.

4. A battery separator as in claim 3, wherein said substrate layer is selected from the group consisting of nonwoven fabrics, woven fabrics, films, and the blends thereof.

5. A compound filter fabric comprised of a nano-denier barrier layer comprising a plurality of continuous thermoplastic filaments having a denier of less than about 1000 nanometers and a substrate layer.

6. A compound filter fabric as in claim 5, wherein said substrate layer is selected from the group consisting of nonwoven fabrics, woven fabrics, films, and the blends thereof.

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